

# AR480 F3 server

AR480 F3 GPU server , equipped with up to 8x NVIDIA GPUs or Intel® Xeon Phi™ coprocessors, can significantly enhance performance by using parallel computing power for various applications, such as oil & gas, defense, financial services, research, manufacturing, media & entertainment and , 3D rendering, deep learning , and mission-critical applications.

## Greener and More Powerful

Powered by Intel® Xeon® processor E5-2600 v3, v4 product family and the DDR4 memory technology, it allows owners to upgrade computing performance without compromising power consumption. This allows you to save unnecessary datacenter cooling cost and achieve higher DCIE (Data center infrastructure efficiency) value.

## Double the GPU/ Xeon Phi™ Support for HPC, Hyper scale and Mission- Critical Applications

To succeed in a competitive world, customers need computing results with greater precision and speed. The “GPU server” supports up to eight PCIe x16 FHFL slots for GPU/ Xeon Phi™ cards. With nVidia’s GPGPU and Intel®’s Xeon Phi™ solutions, this server offers excellent VDI performance with rapid data accessibility from an array of mobile and tablet devices and enables smooth 3D virtual desktop rendering, which cannot be achieved with traditional VDI.

## Full-Featured Design for Demanding Storage and Computing Workload

With 24 DIMM slots, AR480 F3 offers non-latency support to virtualization environments which require maximum memory capacity.





Mainboard	Processor type	Up to 2 x Intel® Xeon® processors E5-2600 v3/v4 series			
	Chipset	Intel® C612 chipset			
	Graphics	BMC embedded controller: <ul style="list-style-type: none"><li>128 MB shared video memory, 16 MB dedicated</li></ul>			
	Memory	<ul style="list-style-type: none"><li>Up to 24 x DDR4 ECC 2133/2400 MHz RDIMM/LRDIMM</li><li>Single and dual rank RDIMM modules up to 32GB supported</li><li>3DS LRDIMM modules up to 128GB supported</li></ul>			
	Expansion slots	<ul style="list-style-type: none"><li>8 x PCIe x16 (Gen3 x16 bus) connectors</li><li>1 x Half-length low-profile slot</li><li>1 x PCIe x16 (Gen3 x8 bus) connector</li><li>1 x Proprietary PCIe x8 (Gen3 x8 bus) mezzanine connector</li></ul>			
	I/O ports	Front: <ul style="list-style-type: none"><li>LED indicators: System status, HDD activity, LAN</li><li>Button: Power with LED, ID with LED, Reset</li></ul> Rear: <ul style="list-style-type: none"><li>2 x SFP+ LAN ports</li><li>1 x Serial port</li><li>1x RJ45 Management port</li><li>2 x USB 3.0 ports</li><li>1 x Video port</li><li>1 x NMI button</li></ul>			
	RAID	Intel® SATA RAID 0/1/5/10			
	LAN controller	Dual-port Intel® I350-AM2 Ethernet controller			
System Management	Avocent MergePoint	Networking setting	Sessions control	System event log	
	IPMI 2.0 web interface	Networking security settings	LDAP settings	Events management( platform events, trap settings, email settings)	
		User control	Power control		
		Service settings	Voltage , fans and temperature monitoring		
		IPMI settings		Serial Over LAN	
Sub-system availability	Power supply	2 x 2000 W 80 PLUS® platinum-level efficiency, easy-swap power supply units (N+1 redundant, hot-swappable)			
	System cooling	8 x 80x80x38mm (15000rpm)			
Chassis	Storage	8 x 2.5" hot-swappable HDD/SSD bays			
	Form factor	2U rack			
	Dimensions (WxHxD)	448mm x 87.5mm x 800mm			
OS support		Windows Server 2008 R2, Windows Server 2012, Windows Server2012R2			
		Windows Server 2016			
Server management utilities and applications		Red Hat® Enterprise Linux®6.7 & 7.2			
		SUSE Linux Enterprise Server 11.4 & 12			
		Ubuntu 12.04 & 14.04 LTS			
		VMware ESXi™ 5.1 U2, 5.5 U2 & 6.0 U1			
		Acer Smart Server Manager			
Warranty	3-year standard warranty or choose extended warranties and services <sup>5</sup>				
Regulatory compliance	Emissions classification (EMC)	FCC (Class A)	CE (Class A)	BSMI	
	Industry standard compliance / safety	UL	CB		

1. Extended warranty services may vary by country. Please contact your Acer authorized reseller for more information.

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